Drill Log: NSH-021C

Easting: 538373.959 Northing: 393462.015

Length: 1400 Azimuth: 0

Project: Gunnison Location: North Star Claim Owner: Connie Johnson

Drill Started: 1/10/2015 Drill Completed: 1/13/2015

Contractor: National EWP, Inc

GeoLogged By: aolson GeoLogged By 2:

Datum/Zone: AZSP_EZ_NAD27

Dip: -90

Core Size (ft): UNKNOWN(100)

Survey Method: PLAN

Elevation: 4814.972

Pre-Collar Contractor: NEWP

TechLogged By:

Comments: Originally NSH-021 but the wrong surface casing was used (13" instead of 14" so the hole was moved and NSH-021B was drilled. NSH-021B was abandoned due to a broken bit in the

Guillermo

borehole. The hole was moved and NSH-021C was drilled.

								Geology				Assay					SG/	Magsu	ıs			Fractu	ге Марр	ing	
Depth	RQD	CoreLoss	Frac. Intensity Fe (1-5)	Value		Rock	Alt	LithologyDescription	Core Sample ID	From	То	CuT %	CuAS %	% NONO	Wo %	Geo SampleID	From	2	SG	MagSus	M.F.C.	M.F.O.	N.F.C.		N.F.O
9	0			22.5								2, 4	+ , ,	. 21 4	-: 0						10.	3.5	8.	15.	1.5
5 10 15 20 25 30 35 40 45 50 60 65 70 67 70 67 70 70 70 70 70 70 70 70 70 70 70 70 70					Qal	Qal		Typical alluvium that starts in sandier more lithic rich material grading into progressively more Tqm dominant toward the bedrock contact.																	

Drill Log: NSH-021C

Easting: 538373.959 **Northing:** 393462.015

Length: 1400 Azimuth: 0 **Project:** Gunnison **Location:** North Star

Drill Started: 1/10/2015 **Drill Completed:** 1/13/2015

GeoLogged By: aolson GeoLogged By 2:

Datum/Zone: AZSP_EZ_NAD27

EZ_NAD27 **Dip:** -90

Claim Owner: Connie Johnson Core Size (ft): UNKNOWN(100)
Contractor: National EWP, Inc

Survey Method: PLAN Elevation: 4814.972

Pre-Collar Contractor: NEWP

TechLogged By:

Comments: Originally NSH-021 but the wrong surface casing was used (13" instead of 14" so the hole was moved and NSH-021B was drilled. NSH-021B was abandoned due to a broken bit in the

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									Geology				Assay					SG/	Magsu	s			Fractu	re Mapping	5
Depth	RQD	CoreLoss	Frac. Intensity (1-5)	Value	Fı	n R	ock	Alt	LithologyDescription	Core Sample ID	From	То	CuT%	CuAS %	% NOno	% W	Geo SampleID	From	2	SG	MagSus	M.F.C.	M.F.O.	N.F.C.	N.F.O
	50.			22.5 45.	5								2, 4,	- 2	. 2. 4	~	i					10.	3.5	. α i	1.5
80					Q	al (Qal		Typical alluvium that starts in sandier more lithic rich material grading into progressively more Tqm dominant toward the bedrock contact.																

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Claim Owner: Connie Johnson

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Survey Method: PLAN

Elevation: 4814.972

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						1			Geology				Assay					SG/	/Magsu	ıs			Fractur	e Mappin	3
Depth	RQD	ő ∣ir	Frac. ntensity F (1-5)	eatures	Value	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	2	CuT %	CuAS %	% NOno	Mo %	Geo SampleID	From	2	SG	MagSus	M.F.C.	M.F.O.	N.F.C.	N.F.O
	50.				22.5 45. 67.5								2, 4	÷ ,	. 2 4	+ ⟨						70.	3.5	- ∞	1.5
165 - 160 - 165 - 170 - 180 - 185 - 190 - 195 -						Qal	Qal		Typical alluvium that starts in sandier more lithic rich material grading into progressively more Tqm dominant toward the bedrock contact.																

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Easting: 538373.959 Northing: 393462.015

Length: 1400

Project: Gunnison Location: North Star

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Datum/Zone: AZSP_EZ_NAD27

Azimuth: 0 **Dip:** -90

Claim Owner: Connie Johnson

Core Size (ft): UNKNOWN(100) Contractor: National EWP, Inc

TechLogged By:

Survey Method: PLAN

Elevation: 4814.972

Pre-Collar Contractor: NEWP

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									Geology				Assay					SG/	Magsu	ıs			Fractu	re Mapping	Į.
Depth	RQD	CoreLoss	Frac. Intensity (1-5)	Value		Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	10	CuT%	CuAS %	% NOno	% oW	Geo SampleID	From	2	SG	MagSus	M.F.C.	M.F.O.	N.F.C.	N.F.O
	9 9			22.5	0.70								2 4	- 2	. 2. 4	- 2						10.	3.5	. α i	1.5 1.5
230 - 235 - 240 - 255 - 255 - 260 - 270 - 285 - 280 - 290 - 295 - 205 - 205 - 205 - 205 - 205 - 205 - 205 - 205 - 205 - 205 - 205 - 205 - 205 -	16 0 0 0 0 0 0 0 0 0					Qal	Qal		Typical alluvium that starts in sandier more lithic rich material grading linto progressively more Tqm dominant toward the bedrock contact.																

Drill Log: NSH-021C

Easting: 538373.959

Length: 1400

Project: Gunnison Location: North Star **Drill Started: 1/10/2015**

GeoLogged By: aolson

Northing: 393462.015 Datum/Zone: AZSP_EZ_NAD27

Azimuth: 0 **Dip:** -90

Claim Owner: Connie Johnson

Core Size (ft): UNKNOWN(100) Contractor: National EWP, Inc

Drill Completed: 1/13/2015

GeoLogged By 2: TechLogged By:

Survey Method: PLAN

Elevation: 4814.972

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Guillermo

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									Geology				Assay	,				SG/	Magsu	s			Frac	ture	Mappir	ng	
Depth	RQD	β II	Frac. ntensity (1-5)	Features	Value	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	To	CuT %	CuAS %	% NOno	% ом	Geo SampleID	From	7	SG	MagSus	M.F.C.	M.F.O.		N.F.C.		N.F.0
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310													i														i
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					1 1 1																						
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335					1 1 1				Typical alluvium that starts in sandier more lithic rich material				i	i	i	i						i I	i		i		i I
					1 1 1	٠,٠	Qal		grading into progressively more Tqm dominant toward the bedrock contact.				 		1	1						1			!		1
340																											i
=	1				1 1 1								1		1	1						1			1		1
345					1 1 1								 														1
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370					1 1 1								I I	1	i	i						i			i 1		i i
	1				1 1 1								 	1	I I	I I							1		I I		

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Datum/Zone: AZSP_EZ_NAD27

Dip: -90

Claim Owner: Connie Johnson Core Size (ft): UNKNOWN(100) Contractor: National EWP, Inc

TechLogged By:

Survey Method: PLAN

Elevation: 4814.972

Pre-Collar Contractor: NEWP

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				ı			Geology				Assay					SG/	Magsu	s			Fractu	e Mapping	Į.
Depth	CoreLoss	Frac. Intensity (1-5)	Value	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	2	CuT%	CuAS %	% NONO	% W	Geo SampleID	From	٥	SG	MagSus	M.F.C.	M.F.O.	N.F.C.	N.F.O
000	Ö		22.5 45. 67.5								2 4	- 7	. 21 4	- 2						10.	3.5	. ω r	1.5 1.
380 380 385 395 395 400 415 420 425 430 445 445 445 445 445	_		25 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Qal	Qal		Typical alluvium that starts in sandier more lithic rich material grading into progressively more Tqm dominant toward the bedrock contact.	σ			2.			T	S					01	1		1. 41.5

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Datum/Zone: AZSP_EZ_NAD27

Dip: -90

Claim Owner: Connie Johnson

Core Size (ft): UNKNOWN(100)
Contractor: National EWP, Inc

TechLogged By:

Survey Method: PLAN

Elevation: 4814.972

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										Geology				Assay	<u>. </u>				SG/	'Magsu	ıs			Fractu	іге Марр	ing	
Depth	RQD	CoreLoss	Frac. Intensity (1-5)	Features	Val	ue	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	2	CuT%	CuAS %	% NOno	Wo %	Geo SampleID	From	2	SG	MagSus	M.F.C.	M.F.O.	N.F.C.		N.F.O
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480 -					1 1	-1																	1				
-					1 1	- 1																					
485						-1	Qal	Qal		Typical alluvium that starts in sandier more lithic rich material grading into progressively more Tqm dominant toward the bedrock				l i	H												i
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Length: 1400 Azimuth: 0

Project: Gunnison

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Contractor: National EWP, Inc

GeoLogged By: aolson

Datum/Zone: AZSP_EZ_NAD27

Dip: -90

Claim Owner: Connie Johnson Core Size (ft): UNKNOWN(100) GeoLogged By 2:

Survey Method: PLAN **Elevation:** 4814.972

Pre-Collar Contractor: NEWP

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Location: North Star

										Geology				Assay					SG	/Magsu	ıs			Fra	cture	Mappi	ing	
Depth	RQD	δ In	Frac. ntensity (1-5)	Feature	Valu	ie	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	To	% Lno	CuAS %	% NOno	% oW	Geo SampleID	From	2	SG	MagSus	M.F.C.	2		N.F.C.		N.F.O
	9 2	1			- 22.5									2, 4	; , , ,	. 2. 4		i			1		70.	2 t	27.	- œi	15.	41.5
530 535 540 5							Qal	Qal		Typical alluvium that starts in sandier more lithic rich material grading into progressively more Tqm dominant toward the bedrock contact.																		
545						1 1 1 1 1 1 1					1313782	540	550	0.18	0.145	0.0005							 			 		
550						1 1 1 1 1 1 1					1313783	550	560	0.25	0.214	0.0005												
565					1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	Dm		Dth	Typical light to medium gray limestone-dolomite. 540-570' chips are more FeOx rich and more "ground up". Also more tactite green bits in this zone also. 570-620' larger chip size in typical Martin limestone	1313784	560	570	0.46	0.86	0.001										 1 1 1 1 1		1 1 1 1 1 1 1
575						1 1 1 1 1 1				less altered. Minor to moderate CuOx present throughout the Dm.	1313785	570	580	0.21	0.178	0.0005												
585						1 1 1 1 1 1 1					1313786	580	590	0.84	0.295	0.0005										 1 1 1 1 1		1 1 1 1 1 1 1
595					1 1 1 1 1 1 1 1 1 1	1 1 1 1 1					1313787	590	600	0.36 	0.313	0.0005	 									 		

Drill Log: NSH-021C

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									Geology				Assay	,					SG/	Magsı	us			F	ractur	е Ма	pping		
Depth	RQD	S Frac. Intensit (1-5)	Features	s V	/alue	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	То	CuT%	CuAS %	% NONO) - PA	% OM	Geo SampleID	From	2	SG	MagSus	M.F.C.		M.F.O.		N.F.C.	O.H.O.	3:1:0
	20. 100.			22.5	67.5								2. 4	r ← c			- 2						9	50	43.5	-	α π	± τ. τ.	22.
605				1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Dm		Dth	Typical light to medium gray limestone-dolomite. 540-570' chips are more FeOx rich and more "ground up". Also more tactite green bits in this zone also. 570-620' larger chip size in typical Martin limestone	1313787 1313788	600	610	0.36	0.313	0.000														
615									less altered. Minor to moderate CuOx present throughout the Dm.	1313789	610	620	0.63	0.567	0.007	7													
625				1 1 1 1 1 1 1 1						1313791	620	630	0.78	0.676	0.021	[
635				1 1 1 1 1 1 1 1			5 5 5 5 5 5			1313792	630	640	1.12	0.934	o.doe	5													
645		3		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Cau	Tda	Tdat	Thickened section of upper Abrigo. Is predominantly a dark to medium green, fine-grained tactite with lesser fine-grained cream to white tactite zones. Trace rhodonite/thulite with more common pyrolusite locally. Minor to moderate CuOx throughout. Noteworthy CuOx zones are as follows: 620-650, 750-790, 810-840'. Noteworthy FeOx rich zones are as follows: 630-640, 660-690, 750-770, 810-860, 920-940.	1313793	640	650	0.54	0.449	0.001								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
655				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1313794	650	660	0.65	0 .569	0.011														
665				1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		5 5 5 5 5			1313795	660	670	0.41	0.373	0.007	7							1 1 1 1 1 1						
670				1 1	1 1		~ ~ ~	0		1313796	670	680	0.28	0.165	0.006	5									1		 		

Drill Log: NSH-021C

Easting: 538373.959 Northing: 393462.015

Length: 1400 Azimuth: 0

Project: Gunnison Location: North Star Claim Owner: Connie Johnson

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Datum/Zone: AZSP_EZ_NAD27

Dip: -90

Core Size (ft): UNKNOWN(100) Contractor: National EWP, Inc

TechLogged By:

Survey Method: PLAN

Elevation: 4814.972

Pre-Collar Contractor: NEWP

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									Geology				Assay					SG/	/Mags	us			Fra	acture	Марі	oing	
Depth	RQD	Frac. Intensity (1-5)	Features	Va	alue	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	To	% Lno	CuAS %	% CnCN	Wo %	Geo SampleID	From	1	SG	MagSus	M.F.C.		M.F.O.	N.F.C.		N.F.O
	20.			22.5	67.5								2. 4	÷ ,	. 2. 4.	← (ý.					10.	50	27.	- 8	- 15	41.5 22.
675	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1313796	670	680	0.28	0.165	0.006	 						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1		
685				1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Tdat		1313797	680	690	0.29	0.185	0.006							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			 		
695		3		1 1 1 1 1 1				0		1313798	690	700	0.59	0.486	0.003										 		
700				1 1 1 1 1 1 1 1				Dtm	Thickened section of upper Abrigo. Is predominantly a dark to medium green, fine-grained tactite with lesser fine-grained cream to white	1313799	700	710	0.52	0.383	0.006												
710				1 1 1 1 1 1 1 1		Cau	Tda		tactite zones. Trace rhodonite/thulite with more common pyrolusite locally. Minor to moderate CuOx throughout. Noteworthy CuOx zones are as follows: 620-650, 750-790, 810-840'. Noteworthy FeOx rich zones are as follows: 630-640, 660-690, 750-770, 810-860, 920-940.	1313931	710	720	0.27	0.214	0.003										 		
720				1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			O O O O O O O O O O O O O O O O O O O		1313932	720	730	0.23	0.169	0.003												
735		2		1 1 1 1 1 1						1313933	730	740	0.33	0.16	0.01												
745	1 1 1 1 1 1 1 1 1				1 1 1 1 1 1 1 1 1 1 1 1 1 1		5 5 5 5			1313934	740	750	0.48	0.409	0.007	, 									 		

Drill Log: NSH-021C

Easting: 538373.959 **Northing:** 393462.015

Length: 1400 Azimuth: 0 Project: Gunnison
Location: North Star
Claim Owner: Connie Johnson

Drill Started: 1/10/2015 **Drill Completed:** 1/13/2015

GeoLogged By: aolson GeoLogged By 2:

Datum/Zone: AZSP_EZ_NAD27

Dip: -90

Core Size (ft): UNKNOWN(100)
Contractor: National EWP, Inc

TechLogged By:

Survey Method: PLAN

Elevation: 4814.972

Pre-Collar Contractor: NEWP

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										Geology				Ass	av .					SG	/Mags	us				Fracti	ure M	lappinį	
Depth	RQD	ဗို Int	rac. ensity 1-5)	Features	V	alue Fm	Ro	ock	Alt	LithologyDescription	Core Sample ID	From	10	CuT %	1	ò	% CUCIN	% ом	Geo SampleID	From	٤	SG	MagSus	M.F.C		M.F.O.		N.F.C.	N.F.O
	20.				- 22.5	- 45.								5		_	4	- 1.						70.	20.	43.5	1.	ού <u>ι</u>	1
750			2		- 1	1 1			0 0		1313934	740	750	0.4	0.40	9 0.0	07	1						1		1		I I	1
1					- 1		~	~ [0 0					H												1		-	
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760					- 1			_ 5	0 0					H		+												-	
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765					- 1			~ [0 0		1313936	760	770	0.7	0.67	3 0.0	11	1						!		1		!	
1 -					- 1			~ <u>}</u>	0 0					H												i		i	
770			4		1	1 1		~ }	0 0					i	1			i						i i		i		i I	i
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775					1		_		0		1313937	770	780	o.\$:	0.26	7 0.d	02	i								i		i	
1					1	1 1			0 0					-	- 1			1						1		1		I I	1
780					- 1			<u> </u>	0 0					÷	+	+		1								1		-	
1 -					1	1 1		~ <u>E</u>	0	Thickened section of upper Abrigo. Is predominantly a dark to medium green, fine-grained tactite with lesser fine-grained cream to white				į	i i			i						i		į		i	i
785					- 1	! ! Cau	T	da	Tdat [©]	tactite zones. Trace rhodonite/thulite with more common pyrolusite locally. Minor to moderate CuOx throughout. Noteworthy CuOx zones	1313938	780	790	016		0.0	06	1						1		1		1	
1 -					- 1	1 1		~]	0 0	are as follows: 620-650, 750-790, 810-840'. Noteworthy FeOx rich								1										-	
790					1		~	~ [0 0	zones are as follows: 630-640, 660-690, 750-770, 810-860, 920-940.				i	i			i						i		i		i	i
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795					- 1		^		0		1313939	790	800	o.þ:	0.11	6 0.d	02	i								i		i	
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1 -					- 1			~]	0 0					į	i			i						i		i		i I	i
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815			2		- 1			_	0 0		1313942	810	820	0.78	0.67	6 0.d	02											1	
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820					- 1			~	0 (1	1			1						1		1		1	1
						1 1	\sim	\sim	0		1313943	820	830	1.30	1.23	9 0.0)1	1								- 1		1	

Drill Log: NSH-021C

Easting: 538373.959 **Northing:** 393462.015

Length: 1400 Azimuth: 0 **Project:** Gunnison **Location:** North Star

Drill Started: 1/10/2015 **Drill Completed:** 1/13/2015

GeoLogged By: aolson GeoLogged By 2:

Datum/Zone: AZSP_EZ_NAD27

Dip: -90

Claim Owner: Connie Johnson Core Size (ft): UNKNOWN(100)
Contractor: National EWP, Inc

TechLogged By:

Survey Method: PLAN **Elevation:** 4814.972

Pre-Collar Contractor : NEWP

Guillermo

Comments: Originally NSH-021 but the wrong surface casing was used (13" instead of 14" so the hole was moved and NSH-021B was drilled. NSH-021B was abandoned due to a broken bit in the

borehole. The hole was moved and NSH-021C was drilled.

									Geology				Assa	у.				SG/	/Magsu	ıs			Fract	ıre M	apping		
Depth	RQD	SSO Intens (1-5	ity Features	Vali	ue	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	70	CuT %	CuAS %	% NOno	% W	Geo SampleID	From	2	SG	MagSus	M.F.C.	M.F.O.		N.F.C.	N.F.O	
	9 20			22.5	67.6								5	4 -:	2, 2	4 -:	2					9 70	13.5	1.	8, 7	-t - 1	22.
825	1 1 1 1 1 1 1 1 1				1 1 1 1					1313943	820	830	1.36	1.23 9	0.01												
835					1 1 1 1 1 1 1 1 1 1 1 1					1313944	830	840	019	0.753	0.015												
845		2			1 1 1 1 1 1					1313945	840	850	0.B2	0.225	0.007												
850					1 1 1 1 1 1 1 1 1 1				Thickened section of upper Abrigo. Is predominantly a dark to medium green, fine-grained tactite with lesser fine-grained cream to white tactite zones. Trace rhodonite/thulite with more common pyrolusite locally. Minor to moderate CuOx throughout. Noteworthy CuOx zones	1313946	850	860	0.31	0.212	0.01												
860		1				Cau	Tda	Tdat	tactite zones. Trace rhodonite/thulite with more common pyrolusite locally. Minor to moderate CuOx throughout. Noteworthy CuOx zones are as follows: 620-650, 750-790, 810-840. Noteworthy FeOx rich zones are as follows: 630-640, 660-690, 750-770, 810-860, 920-940.	1313947	860	870	0,3	0.234	0.004							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
875					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		5,5,5,5,5			1313948	870	880	0.42	0.306	0.d07												
885		2			1 1 1 1 1 1 1 1 1 1 1 1					1313949	880	890	0 _i 4	0.296	0.Q06												
890	1 1 1 1 1 1				1 1 1 1 1 1 1		5 5 5 5			1313950	890	900	0.48	0.396	0.018	1 1 1 1 1 1									 		

Drill Log: NSH-021C

Easting: 538373.959 Northing: 393462.015

Length: 1400 Azimuth: 0

Project: Gunnison Location: North Star Claim Owner: Connie Johnson

Drill Started: 1/10/2015 Drill Completed: 1/13/2015 GeoLogged By: aolson GeoLogged By 2:

Datum/Zone: AZSP_EZ_NAD27

Dip: -90

Core Size (ft): UNKNOWN(100) Contractor: National EWP, Inc

TechLogged By:

Survey Method: PLAN

Elevation: 4814.972

Pre-Collar Contractor: NEWP

Comments: Originally NSH-021 but the wrong surface casing was used (13" instead of 14" so the hole was moved and NSH-021B was drilled. NSH-021B was abandoned due to a broken bit in the

Guillermo

borehole. The hole was moved and NSH-021C was drilled.

										Geology				Assay	,				SG/	Magsu	IS			Fra	cture	Mappi	ng	
Depth	RQD	Core Loss Inter	nsity F	eatures	Val	ue	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	To	CuT%	CuAS %	% NONO	% ом	Geo SampleID	From	<u>و</u>	SG	MagSus	M.F.C.			N.F.C.		N.F.O
	100 100				22.5	67.6								2. 4	÷ ,	4 . 9 4	- 2						9 79	4 4	27.	-	15.	: 7: 5
900	1				1 1	1		$\begin{bmatrix} \ddots \end{bmatrix}$	0 0		1313950	890	900	0.48	0.396	0.018	İ						1	i		i I		i I
	1					1			0 0					1	1	1	1						1			1		1
905					 	1			0 0		1313951	900	910	0.71	0.532	0.012	ļ											
						1		<u> </u>	0 0		1313331	300	310	0.71		1	i						i			į		i
910	1				1 1	1		<u> </u>	0 0						1	1							1 1			1		1
910	1					1		~~~~	0 0								 									:		1
045					 	1		~	0 0					L.	i] 									i		1
915	i				ii	- 1		~ ~	0 0		1313952	910	920	0.73	0.638	0.014	i						i	i		i		i I
l	1				1 1	- 1		~ ~	0 0					1	1	1							1 1			1		1
920		2	2		 	1		~ ~	0 0					Ti	T:											1		1
1 3						1			0					l i	i i	l i	i						i			į		i
925	1				1 1	l l			0 0		1313953	920	930	0.61	0.475	0.012	1						1 1			I I		1
	1					1		,	0 0					1		1							1			1		1
930					 	1		<u> </u>	0 0						i i													
	i					1		<u> </u>	0 0	Thickened section of upper Abrigo. Is predominantly a dark to medium green, fine-grained tactite with lesser fine-grained cream to white				į	i i	l i	i						i			į		i
935	1				1 1	1	Cau	Tda	Tdat o	tactite zones. Trace rhodonite/thulite with more common pyrolusite locally. Minor to moderate CuOx throughout. Noteworthy CuOx zones	1313954	930	940	0.57	0.454	0.003							1 1			1		1
=	1					1		~~~~	0 0	are as follows: 620-650, 750-790, 810-840'. Noteworthy FeOx rich zones are as follows: 630-640, 660-690, 750-770, 810-860, 920-940.						!	 									:		1
940					 	1		~	0 0					H	L i	+ ;										i		1
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945	1				1 1	- 1		~ `	0 0		1313955	940	950	0.98	0. <mark>8</mark> 21	0.011	1 1						1 1			1		1
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950						1			0					 	į	i	i						i			į		i
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955						1		_ ~ ,	0 0		1313956	950	960	0.47	0.381	0.01										!		1
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<u> </u>	1				1 1	1		~~.	0 0					1	1	1	1						1			1		1
965					 	1		~	0 0		1313957	960	970	0.84	0.743	0.003												1
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970	1				1 1	I I		~ ~						Ĺ	į	İ	İ						i I	i		i I		i I
	1				1 1	1		~ ~	0 0		1313958	970	980	0,3	0.233	0.004	1						1			 		

Drill Log: NSH-021C

Easting: 538373.959 **Northing:** 393462.015

Length: 1400 Azimuth: 0 **Project:** Gunnison **Location:** North Star

Drill Started: 1/10/2015 **Drill Completed:** 1/13/2015

GeoLogged By: aolson GeoLogged By 2:

Datum/Zone: AZSP_EZ_NAD27

Dip: -90

Claim Owner: Connie Johnson Core Size (ft): UNKNOWN(100)
Contractor: National EWP, Inc

TechLogged By:

14 of 19

Survey Method: PLAN

Elevation: 4814.972

Pre-Collar Contractor: NEWP

Guillermo

Comments: Originally NSH-021 but the wrong surface casing was used (13" instead of 14" so the hole was moved and NSH-021B was drilled. NSH-021B was abandoned due to a broken bit in the borehole. The hole was moved and NSH-021C was drilled.

Guillet

SG/Magsus Geology Assay **Fracture Mapping** CoreLoss Frac. ₽ Geo SampleID % NONO MagSus Depth CuT% M.F.C. Core Sample I βĞ Intensity Feature N.F.C From ٩ ٩ SG Value Rock Alt LithologyDescription Š (1-5) 45. 67.6 2. 1. 2. .5 0 0 ιú œ. 975 1313958 970 980 0,3 0.233 0.004 980 985 1313959 980 990 0.37 0.313 0.005 990 Thickened section of upper Abrigo. Is predominantly a dark to medium green, fine-grained tactite with lesser fine-grained cream to white 995 1313961 990 1000 0.2 0.138 0.005 tactite zones. Trace rhodonite/thulite with more common pyrolusite Tdat Tda locally. Minor to moderate CuOx throughout. Noteworthy CuOx zones are as follows: 620-650, 750-790, 810-840'. Noteworthy FeOx rich zones are as follows: 630-640, 660-690, 750-770, 810-860, 920-940. 1000 1005 1313962 1000 1010 0.19 0.176 0.004 1010 1015 1313963 1010 1020 0!3 0.114 0.148 1020 1025 1313964 1020 1030 0.83 0.442 1030 Medium brown-red to dark brown garnetite material. 1070-1080 and Tg ÎΤg∘ 1150-1170 are more mixed hornfels/garnetite/tactite with increased 1035 amounts of quartz. 1313965 1030 1040 0.74 0.368 0.226 1040 1040 1050 0.58 0.442 0.072 1313966

Drill Log: NSH-021C

Easting: 538373.959 Northing: 393462.015

Length: 1400 Azimuth: 0

Project: Gunnison Location: North Star Claim Owner: Connie Johnson

Drill Started: 1/10/2015 Drill Completed: 1/13/2015 GeoLogged By: aolson GeoLogged By 2:

Datum/Zone: AZSP_EZ_NAD27

Dip: -90 **Elevation:** 4814.972 Core Size (ft): UNKNOWN(100) Contractor: National EWP, Inc

TechLogged By:

Survey Method: PLAN

Guillermo

Pre-Collar Contractor: NEWP

Comments: Originally NSH-021 but the wrong surface casing was used (13" instead of 14" so the hole was moved and NSH-021B was drilled. NSH-021B was abandoned due to a broken bit in the

borehole. The hole was moved and NSH-021C was drilled.

								Geology				Assay					SG/	/Magsu	ıs			Fract	ure Ma	appin	g
Depth	RQD	Frac. Intensity (1-5)	Features	Valu	ie 10	Fm	Rock		Core Sample ID	From	То	% Lno	CuAS %	% NOno	Wo %	Geo SampleID	From	5	SG	MagSus	M.F.C.	M.F.O.		N.F.C.	N.F.O
	50. 			- 22. - 45.				0 0,0				2, 4		. 2. 4.	1.						70.	43.5	1,	εό T	15.
1050				1 1	1			0 0 0 0 0 0 0 0 0 0	1313966	1040	1050	0.58	0.442	0.072	 						1			1	
1055								8	1313967	1050	1060	0.41	0.338	0.016							1				
1065		4		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1313968	1060	1070	0.06	0.Q51	0.0005							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
1075									1313969	1070	1080	1.19	0.56	0.401							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
1085		2				Cam	Tg	Medium brown-red to dark brown garnetite material. 1070-1080 and 1150-1170 are more mixed hornfels/garnetite/tactite with increased amounts of quartz.	1313971	1080	1090	0.28	0.201	0.016											
1090				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				0 0 0 6 0	1313972	1090	1100	0.53	0.293	0.035							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
1100		3						0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1313973	1100	1110	0.52	0,3	0.q78							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
1110		J						80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1313974	1110	1120	0.87	0.628	0.099											
1120				ii	1			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1313975	1120	1130	0.59	0.491	0.009	1						<u> </u>	<u> </u>		i L	

Drill Log: NSH-021C

Easting: 538373.959 Northing: 393462.015

Length: 1400 Azimuth: 0

Project: Gunnison Location: North Star

Drill Started: 1/10/2015 Drill Completed: 1/13/2015 GeoLogged By: aolson

Datum/Zone: AZSP_EZ_NAD27

Dip: -90

Claim Owner: Connie Johnson Core Size (ft): UNKNOWN(100) GeoLogged By 2:

Survey Method: PLAN

Elevation: 4814.972

Contractor: National EWP, Inc

TechLogged By:

Pre-Collar Contractor: NEWP

Guillermo

Comments: Originally NSH-021 but the wrong surface casing was used (13" instead of 14" so the hole was moved and NSH-021B was drilled. NSH-021B was abandoned due to a broken bit in the

borehole. The hole was moved and NSH-021C was drilled.

										Geology				Assay					SG	/Magsı	ıs			Frac	ture l	Mappi	ng	
Depth	RQD	S Fra Inte	nsity	Features	Va	lue	Fm	Roo	ck	Alt LithologyDescription	Core Sample ID	From	10	% Lno	CuAS %	% NOnO	Мо %	Geo SampleID	From	٥	SG	MagSus	M.F.C.	M.F.O.		N.F.C.		N.F.O
	20.				22.5	67.6								2i 4	+ 0	. 9.4	1.						7 0.	3.5	27.	ω <u>΄</u>	1.	1.5
1125	1 1 1 1 1 1 1 1 1 1	3	3		1 1 1 1 1 1				000000000000000000000000000000000000000		1313975	1120	1130	0.59	0.491	0.009							1 1 1 1 1 1			 		
1135					1 1 1 1 1 1 1 1				000000000000000000000000000000000000000	ି ଦ ଦେଶ ଦେଶ ଦେଶ ଦେଶ ବିକ୍ରି ବିକ୍ରି ଦେଶ	1313976	1130	1140	0.75	0.d35	0.013										 		
1140					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						1313977	1140	1150	0.92	0.807	0.021												
1150					1 1 1 1 1 1 1 1 1		Cam	T _E		**************************************	1313978	1150	1160	0.53	0.394	0.046												
1165			2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1				1150-1170 are more mixed hornfels/garnetite/tactite with increased amounts of quartz.	1313979	1160	1170	0.61	0.229	0.33												
1170					1 1 1 1 1 1 1 1 1						1313981	1170	1180	0.56	0.337	0.187										1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
1180					1 1 1 1 1 1 1 1	1				ଁ ଜିନ୍ଦି - ଜିନ୍ଦି - ଜିନ୍ଦି - ଜିନ୍ଦି - ଜିନ୍ଦି - ଜିନ୍ଦି	1313982	1180	1190	0.79	0.677	0. q 51												
1190	1 1 1 1 1					 			00000	୍ତ୍ର ଦ୍ୱତୀୟ ଦ୍ୱତି ତ୍ୱତି ତ୍ୱତି ତ୍ୱତି ତ୍ୱତି	1313983	1190	1200	0.48	0.446	0.01												

Drill Log: NSH-021C

Easting: 538373.959

Length: 1400 Azimuth: 0

Project: Gunnison Location: North Star

Drill Started: 1/10/2015 Drill Completed: 1/13/2015 GeoLogged By: aolson

Northing: 393462.015 Datum/Zone: AZSP_EZ_NAD27

Dip: -90

Claim Owner: Connie Johnson Core Size (ft): UNKNOWN(100) Contractor: National EWP, Inc GeoLogged By 2:

Survey Method: PLAN

Elevation: 4814.972

Pre-Collar Contractor: NEWP

TechLogged By:

Comments: Originally NSH-021 but the wrong surface casing was used (13" instead of 14" so the hole was moved and NSH-021B was drilled. NSH-021B was abandoned due to a broken bit in the

Guillermo

borehole. The hole was moved and NSH-021C was drilled.

									Geology				Assay	ı				SG/	/Magsu	IS			Fract	ure Ma	apping	
Depth	RQD	Frac Inten	sity Featu	tures	Value	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	2	CuT %	CuAS %	% NOno	Мо %	Geo SampleID	From	2	SG	MagSus	M.F.C.	M.F.o.		N.F.C.	N.F.O
	20.				22.5 45.								% ₹	+ €	. 2. 4.	- 6						10.	3.5	1.	8 7	1.5
1200										1313983	1190	1200	0.48	0.446	0.01											
1205										1313984	1200	1210	 	0.355	0.013											
1210										1313985	1210	1220	0.61	0.548 	0.008							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
1225						Cam	Тд		Medium brown-red to dark brown garnetite material. 1070-1080 and 1150-1170 are more mixed hornfels/garnetite/tactite with increased amounts of quartz.	1313986	1220	1230	1.25	1.095	0.031											
1230		2								1313987	1230	1240	1.52 1	1.245	0.024											
1245										1313988	1240	1250	0.75	0.624	0.011											
1255							ı		Medium to dark green-black hornfels with common quartz bits throughout. Locally deceptively looks like the tactites of the upper	1313989	1250	1260	0.89	0.485	0.305							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
1260						Cal	Htad	Hb	Abrigo. 1290-1340 has common/abundant pyrite and chalcopyrite. 150-1270 is transitional from middle Abrigo and shows trace to minor CuOx.	1313990	1260	1270	1.03	0.385	0.556											
1270	1	3			1 1 1					1313991	1270	1280	017	0.105	0.15	1									1	i

Drill Log: NSH-021C

Easting: 538373.959 **Northing:** 393462.015

Length: 1400 Azimuth: 0 Project: Gunnison
Location: North Star
Claim Owner: Connie Johnson

Drill Started: 1/10/2015 **Drill Completed:** 1/13/2015

GeoLogged By: aolson GeoLogged By 2:

Datum/Zone: AZSP_EZ_NAD27

Dip: -90

Core Size (ft): UNKNOWN(100)
Contractor: National EWP, Inc

TechLogged By:

Survey Method: PLAN

Elevation: 4814.972

Pre-Collar Contractor: NEWP

Guillermo

Comments: Originally NSH-021 but the wrong surface casing was used (13" instead of 14" so the hole was moved and NSH-021B was drilled. NSH-021B was abandoned due to a broken bit in the

Guillermo

borehole. The hole was moved and NSH-021C was drilled.

									Geology				Assay	,				SG/	Magsu	s			Fract	ure N	/lappin	g	
Depth	RQD	SS Frac Intens (1-5)	ity Fea	atures	Value	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	То	CuT%	CuAS %	CuCN %	Wo %	Geo SampleID	From	20	SG	MagSus	M.F.C.	M.F.O.		N.F.C.		N.F.O
	50.				22. 45. 67.								2.	i c	. 2 4	- 5						10.	13.5	27.	œi I	15.	41.5
1275										1313991	1270	1280	017 1 017	0.105	0.15	1 1 1 1 1 1						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 1 1 1		
1285		3			1 1					1313992	1280	1290	0.73	0.019	0.039	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									1 1 1 1 1 1 1 1 1		
1290										1313993	1290	1300	0.48	0.016	0.04										 		
1300						Cal	Htad	Uh	Medium to dark green-black hornfels with common quartz bits throughout. Locally deceptively looks like the tactites of the upper Abrigo. 1290-1340 has common/abundant pyrite and chalcopyrite.	1313994	1300	1310	0.37	0.087	0.045										 		
1310						Cai	нтао	ан	150-1270 is transitional from middle Abrigo and shows trace to minor CuOx.	1313995	1310	1320	0.83	0.068	0.136	1 1 1 1 1 1 1 1 1											
1320		2								1313996	1320	1330	0.81	0.033	0.081												
1330										1313997	1330	1340	0.59	0.101	0.157												
1340		2								1313998	1340	1350	0.39	0.16	0.095	 	_					1 1 1 1			 		

Drill Log: NSH-021C

Easting: 538373.959 Northing: 393462.015

Length: 1400 Azimuth: 0

Project: Gunnison Location: North Star

Claim Owner: Connie Johnson

Drill Started: 1/10/2015 Drill Completed: 1/13/2015 GeoLogged By: aolson GeoLogged By 2:

Datum/Zone: AZSP_EZ_NAD27

Dip: -90

Core Size (ft): UNKNOWN(100) Contractor: National EWP, Inc

TechLogged By:

Survey Method: PLAN

Elevation: 4814.972

Pre-Collar Contractor: NEWP

Comments: Originally NSH-021 but the wrong surface casing was used (13" instead of 14" so the hole was moved and NSH-021B was drilled. NSH-021B was abandoned due to a broken bit in the

Guillermo

borehole. The hole was moved and NSH-021C was drilled.

								1	Geology		ı	ı	Assay	<u>, </u>				SG	/Mags	us	1		Fractu	re Mappir	ng
Depth	RQD	Frac. Intensity (1-5)	Features	Val	ue	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	2	CuT%	CuAS %	% NONO	Wo %	Geo SampleID	From	<u>و</u>	SG	MagSus	M.F.C.	M.F.O.	N.F.C.	N.F.O
20.				22.5	67.5					,			۷	4 -:	vi . vi ∠	-						10.	3.5	7.1- 8	1.5
					- 1					1313998	1340	1350	0.39	0.16	0.095								1		
1350		2			1 1 1 1 1 1	Cal	Htad	Нb	Medium to dark green-black hornfels with common quartz bits throughout. Locally deceptively looks like the tactites of the upper Abrigo. 1290-1340 has common/abundant pyrite and chalcopyrite. 150-1270 is transitional from middle Abrigo and shows trace to minor	1313999	1350	1360	0.86	0.199	0.06										
1365					 				CuOx.	1360101	1360	1370	0.35	0.204	0.q36										
1375					1 1 1 1 1 1					1360102	1370	1380	0.27	0.143	0.031										
1380						Cb	Q	un	1370-1380 is a more FeOx rich quartzite at the contact with the lower Abrigo. Otherwise is a fine-grained light gray quartzite.	1360103	1380	1390	0.19	0.087	0.041										
1395					1 1 1 1 1 1 1 1 1 1 1					1360104	1390	1400	0.12	0.054	0.027										
1400																									